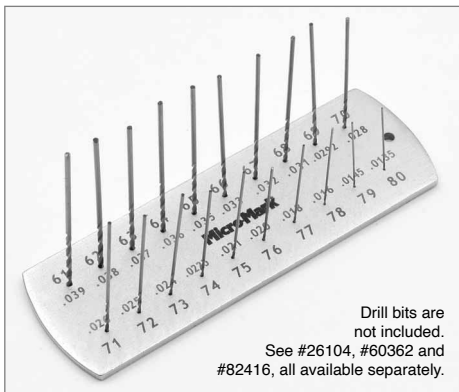


#14521 No. 61 – 80 Micro Drill Bit Gauge Instructional Tip Sheet



This gauge is used to check the size of micro drills prior to using them, or to sort drill bits. This gauge is manufactured to extremely close tolerances, as you will note that the variation in size between some bits is only mere thousandths of an inch. Before your first use of the gauge, place a drill bit tip into any hole that will easily accept the bit, or even allow a bit of "play," then work your way up the scale (which decreases in diameter size) until the drill tip alone enters the hole and the bit can be made to stand straight up. If you think that you have found the correct hole but the bit will not enter fully and pass through from the front, then try to pass the bit through the back. A clockwise twist of the bit will clear any microscopic burrs that may be in that hole as a result of manufacturing. When the bit fully enters without any play, you have accurately determined the size of that drill bit. After some use, any remaining burrs inside the holes will be removed and the gauge will allow snug passage of bits from either side.

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